

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-55
Relating to Certification of New Motor Vehicle Engines

INTERNATIONAL HARVESTER COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That International Harvester Company 1978 model-year diesel-powered engines in heavy-duty motor vehicles with manufacturer's gross vehicle weight rating greater than 8500 pounds are certified for the engine family, codes and models described below:

<u>Family</u>	<u>Engine Size (CID)</u>	<u>Type</u>
DT-466	466.4	In-Line 6 Turbocharged

Models and Engine Codes as listed in attachment.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following recommended values:

<u>Engine Family</u>	<u>HC + NOx gm/bhp-hr</u>	<u>CO gm/bhp-hr</u>	<u>HC gm/bhp-hr</u>	<u>NOx gm/bhp-hr</u>
DT-466	NA	2	0.8	6.8

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California, this 28 day of November, 1977.


G. C. Hass, Chief
Vehicle Emissions Control Division

1978 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET HEAVY-DUTY DIESEL ENGINES

Manufacturer International Harvester Executive Order No. A-4-55 Page 1Engine Family DT-466 Engine (CID) 466.4Emission Control Systems Smoke Control Type In-Line 6 Turbocharged

Engine Model	Fuel Injection Pump Mfg. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP (1)	Basic Initial Timing
190 bhp @ 2600 rpm CA Version	American Bosch	American Bosch	190 Hp @ 2600 rpm	94.1	13° BTDC
	IH Part # 688881C91 688882C91	IH Part # 688840X91			14° BTDC
	American Bosch				
	IH Part # 688881C92 688882C92				

Comments

(1) cubic millimeters per stroke

Fuel injection pump part no. and static injection timing change per running change 7819DC.

Date of Issue

Abbreviations

Type

NA - Natural Aspiration

TC - Turbocharged

TCA- Turbocharged and Aftercooled

Emission Control Systems

AC - Aftercooler

EGR - Exhaust Gas Recirculation

TD - Throttle Delay